

Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A system for exploiting power from a pressurized gas reservoir comprising:

means adapted for receiving naturally occurring gas [[at]] that is pressurized at a first pressure level from a reservoir of naturally occurring gas;

means adapted for directing the naturally occurring pressurized gas to a turbine so as to induce motion thereof;

a generator, mechanically coupled to the turbine, the generator including means for generating an electrical current induced from motion of the turbine; and

means adapted for directing the naturally occurring gas from the turbine, after passage therethrough, to a predetermined location at a secondary pressure level[.];

wherein the means adapted for directing the naturally occurring gas from the turbine comprises:

means adapted for separating at least one of nitrogen and carbon dioxide from the naturally occurring pressurized gas;

means adapted for directing the separated at least one of nitrogen and carbon dioxide to a first transmission line; and

means adapted for directing the naturally occurring pressurized gas to a second transmission line.

2. (Previously Presented) The system for exploiting power from a pressurized gas reservoir of Claim 1, further comprising:

means adapted for directing gas at the secondary pressure level to an associated combustion generator so as to generate additional electrical current from combustion thereof.

3. (Canceled)

4. (Previously Presented) The system for exploiting power from a pressurized gas reservoir of Claim 1 wherein the reservoir of naturally occurring gas and the predetermined location are in direct mutual communication.

5. (Currently Amended) A method for exploiting power from a pressurized gas reservoir comprising the steps of:

receiving naturally occurring gas that is pressurized at a first pressure level from a reservoir of naturally occurring gas ;

directing the naturally occurring pressurized gas to a turbine so as to induce motion thereof;

generating, at a generator mechanically coupled to the turbine, an electrical current induced from motion of the turbine; and

directing the naturally occurring gas from the turbine, after passage therethrough, to a predetermined location. at a secondary pressure level;

wherein directing the naturally occurring gas from the turbine comprises:

separating at least one of nitrogen and carbon dioxide from the naturally occurring pressurized gas;

directing the at least one of separated nitrogen and carbon dioxide to a first transmission line; and

directing the naturally occurring pressurized gas to a second transmission line.

6. (Previously Presented) The method for exploiting power from a pressurized gas reservoir of Claim 5, further comprising the steps of:

directing gas at the secondary pressure level to an associated combustion generator so as to generate additional electrical current from combustion thereof.

7. (Canceled)
8. (Previously Presented) The method for exploiting power from a pressurized gas reservoir of Claim 5 wherein the reservoir of naturally occurring gas and the predetermined location are in direct mutual communication.
9. (Previously Presented) The system for exploiting power from a pressurized gas reservoir of Claim 1, further comprising means adapted for using at least a portion of the electrical current to drive an associated compressor, which compressor includes means for increasing the secondary pressure level.
10. (Previously Presented) The system for exploiting power from a pressurized gas reservoir of Claim 1, wherein the predetermined location is a second reservoir.
11. (Previously Presented) The system for exploiting power from a pressurized gas reservoir of Claim 1, wherein the predetermined location is a secondary recovery site.
12. (Canceled)
13. (Previously Presented) The method for exploiting power from a pressurized gas reservoir of Claim 5, further comprising for using at least a portion of the electrical current to drive an associated compressor, which compressor includes means for increasing the secondary pressure level.
14. (Previously Presented) The method for exploiting power from a pressurized gas reservoir of Claim 5, wherein the predetermined location is a second reservoir.
15. (Previously Presented) The method for exploiting power from a pressurized gas reservoir of Claim 5, wherein the predetermined location is a secondary recovery site.
16. (Canceled)